

FIG. 1

FIG. 2

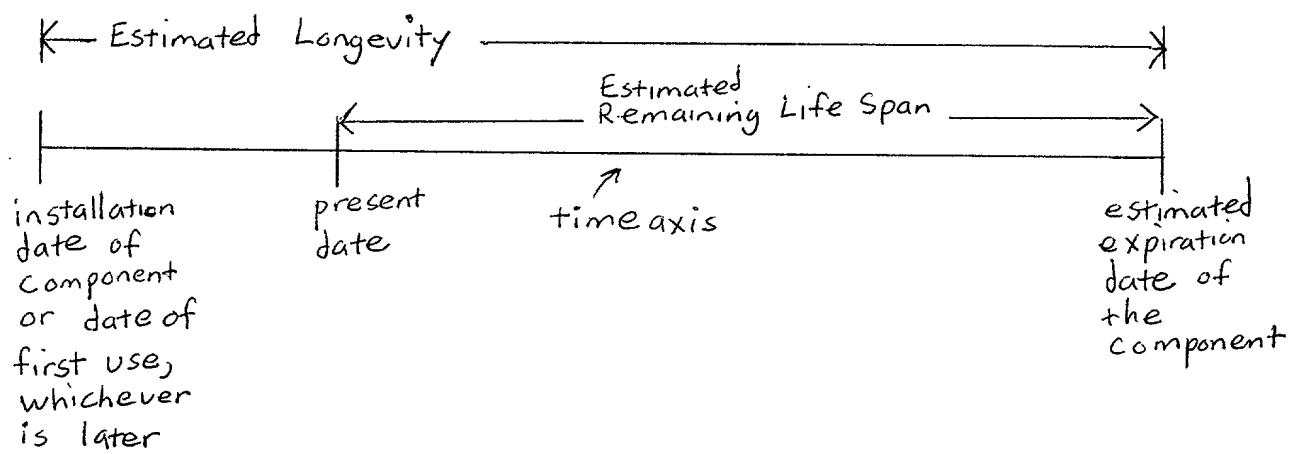


FIG. 3

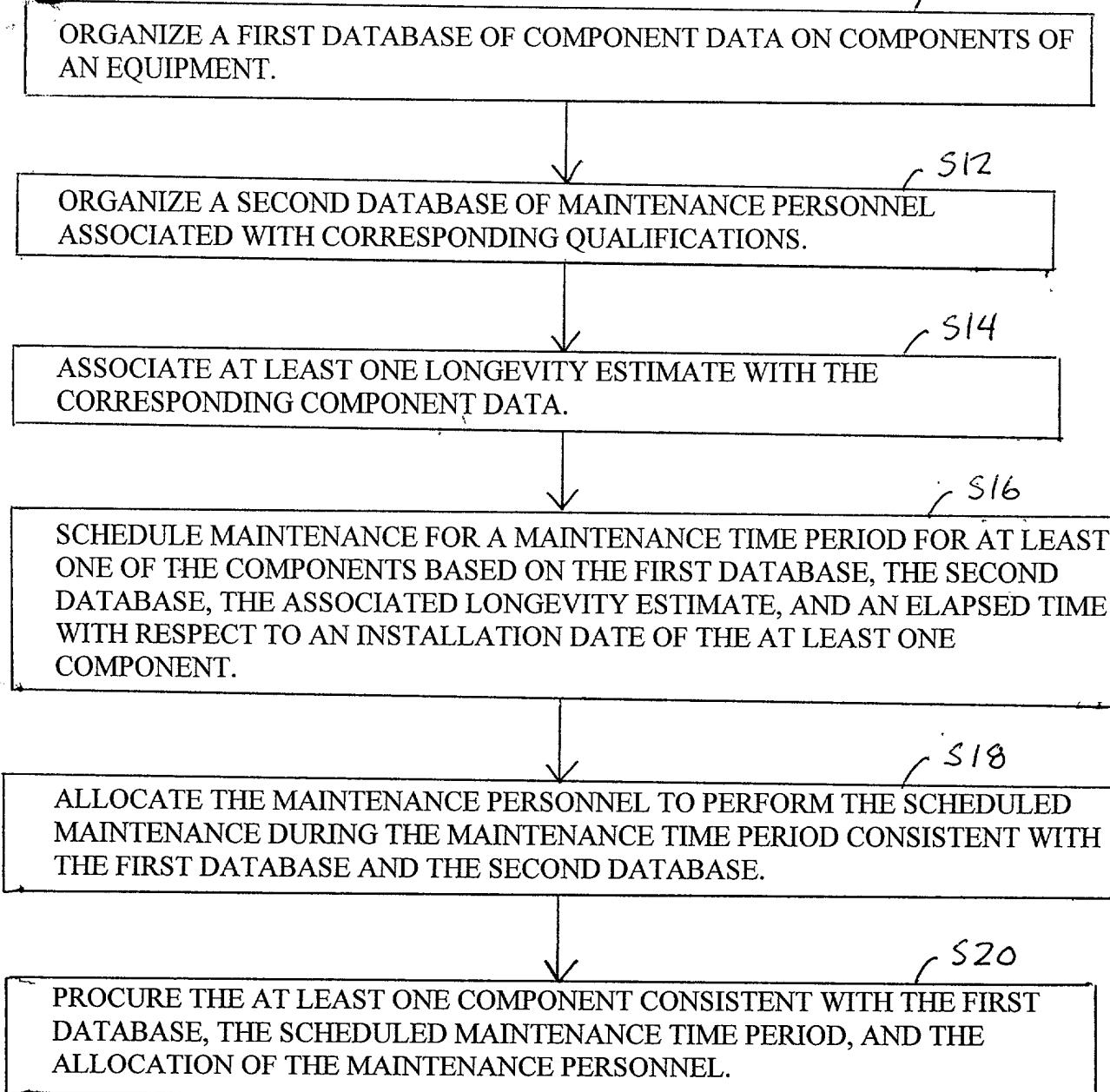
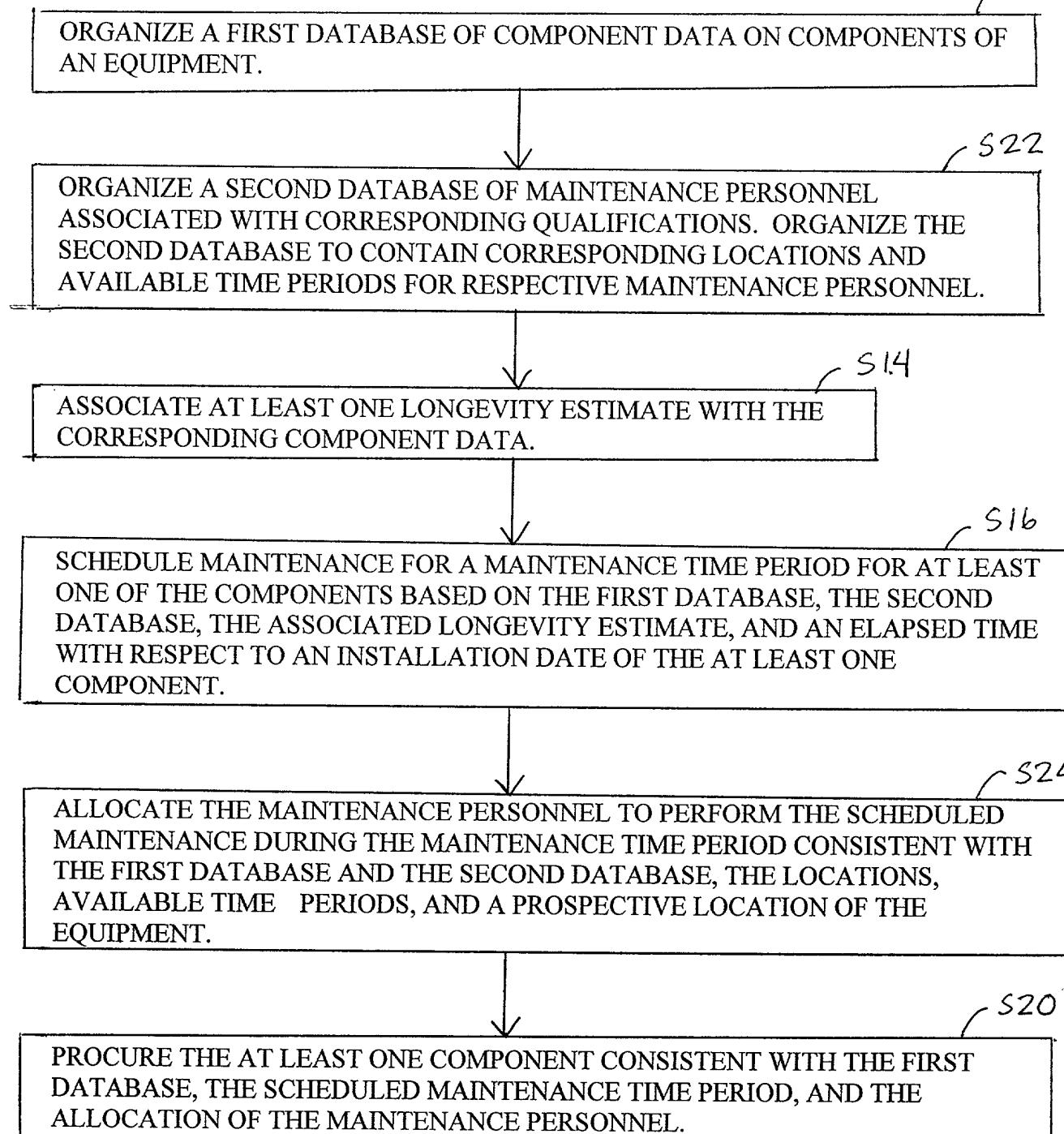


FIG. 4



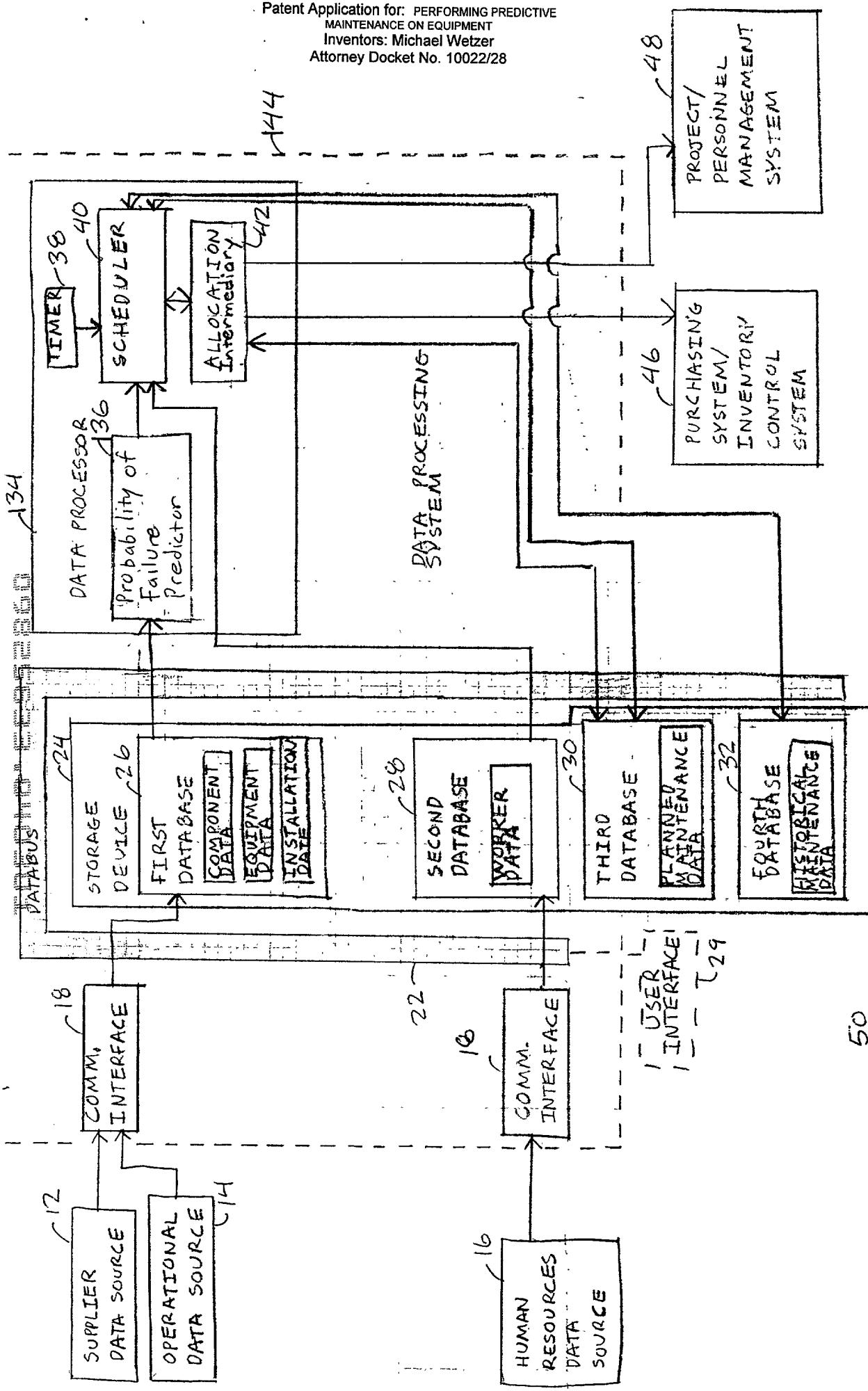


FIG. 5

FIG. 6

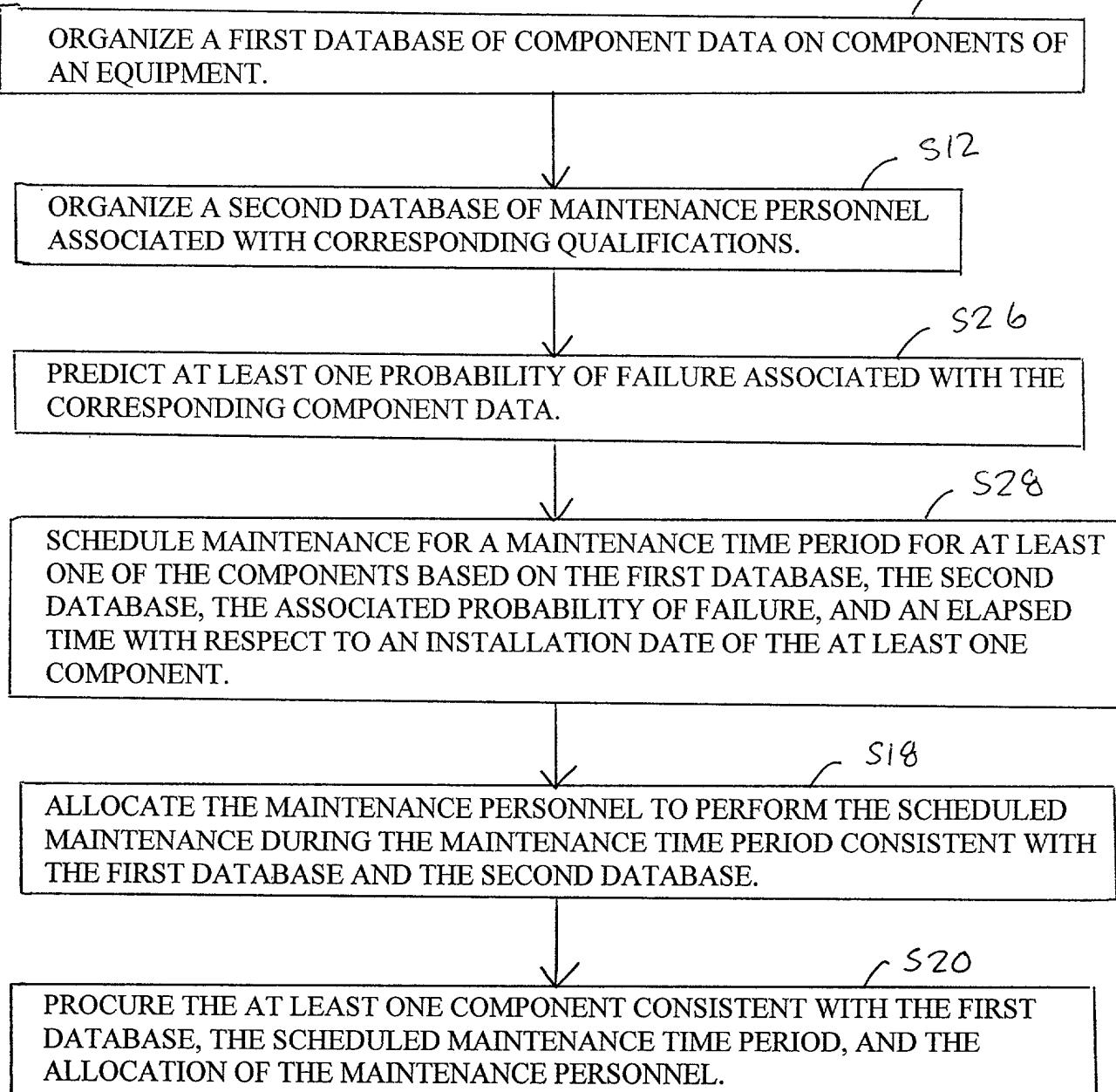
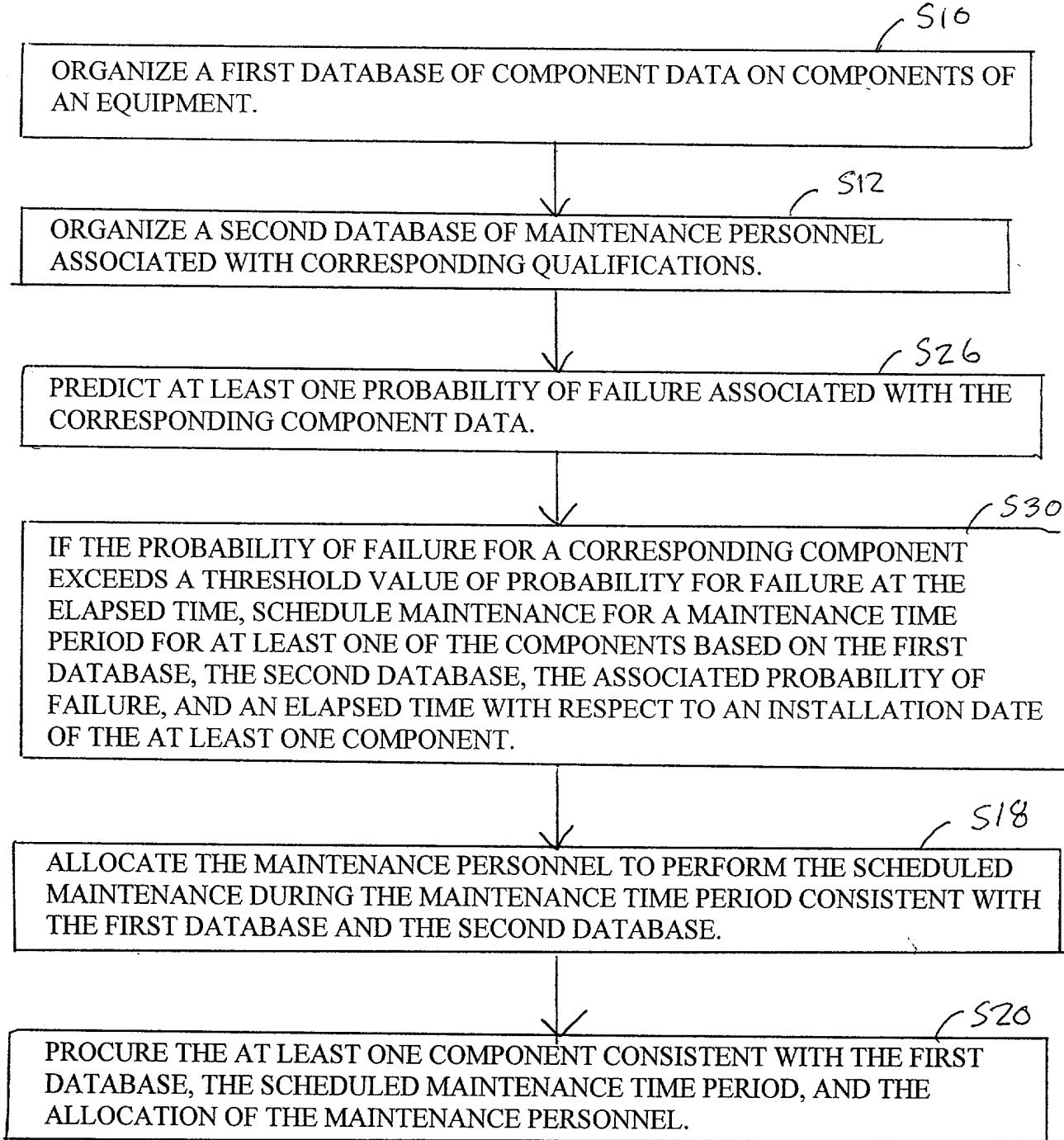


FIG. 7



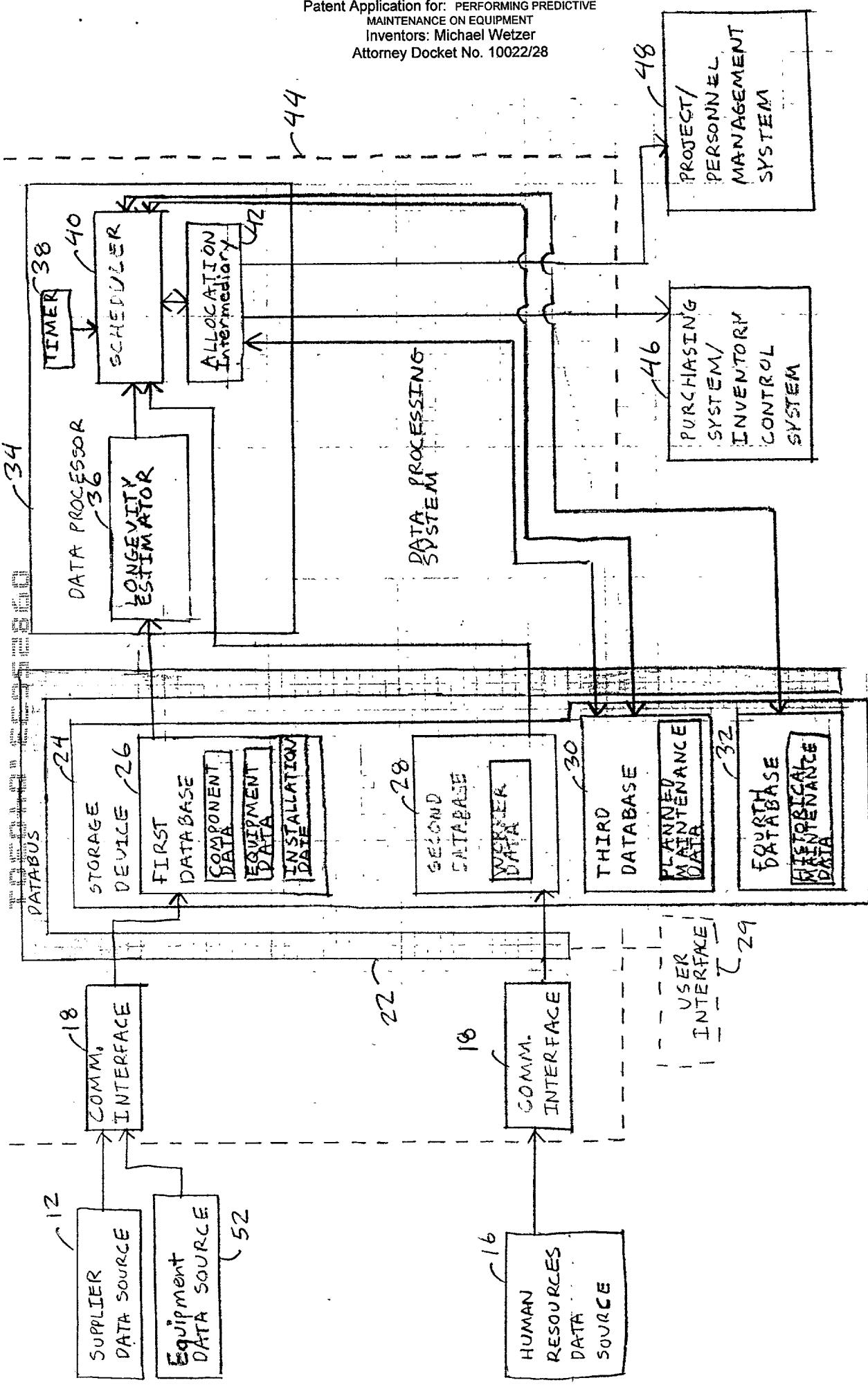


FIG. 8

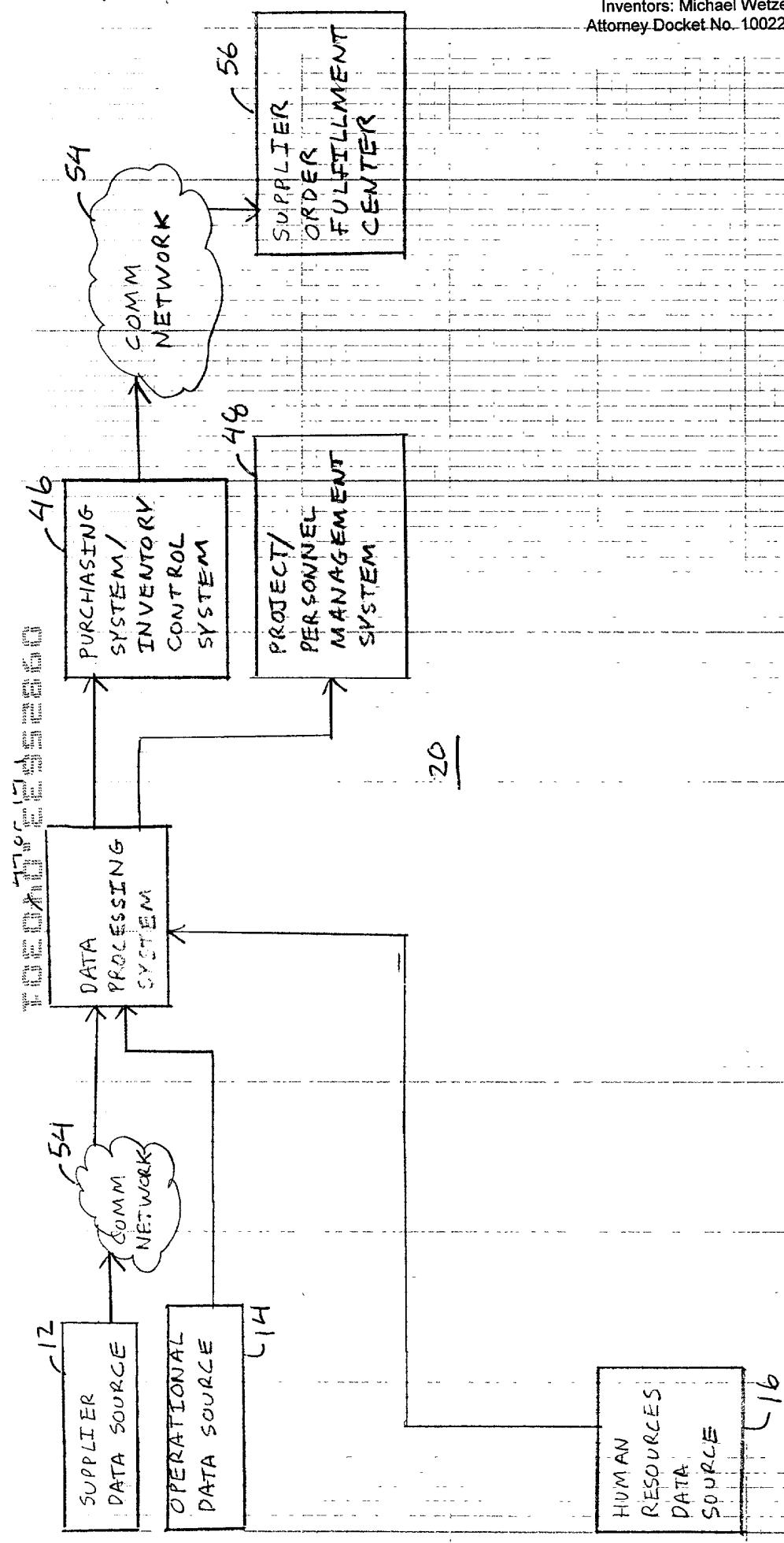


FIG. 9

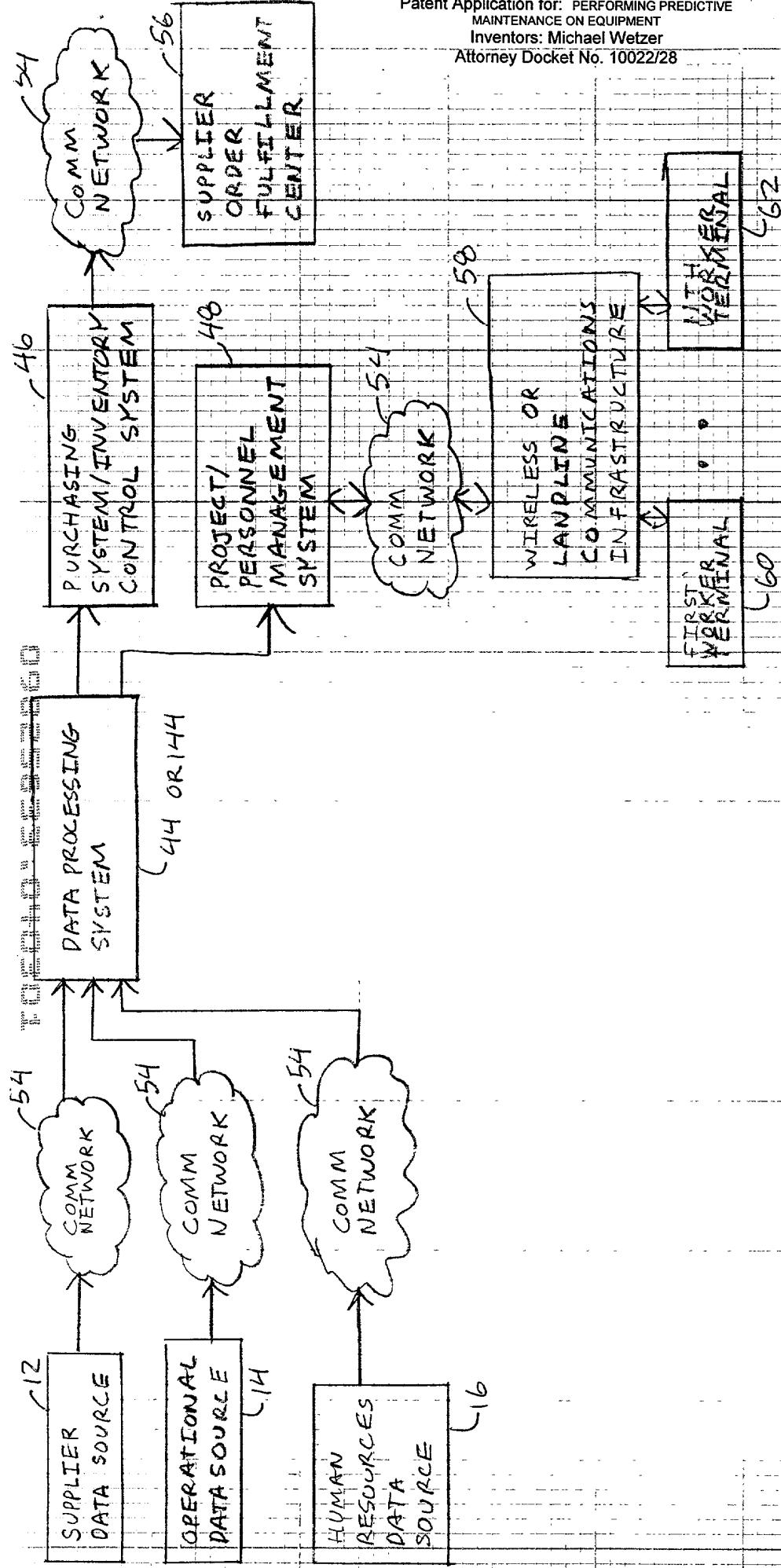


FIG. 10

tent Application for: PERFORMING PREDICTIVE
MAINTENANCE ON EQUIPMENT
Inventors: Michael Wetzer
Attorney Docket No. 10022/28

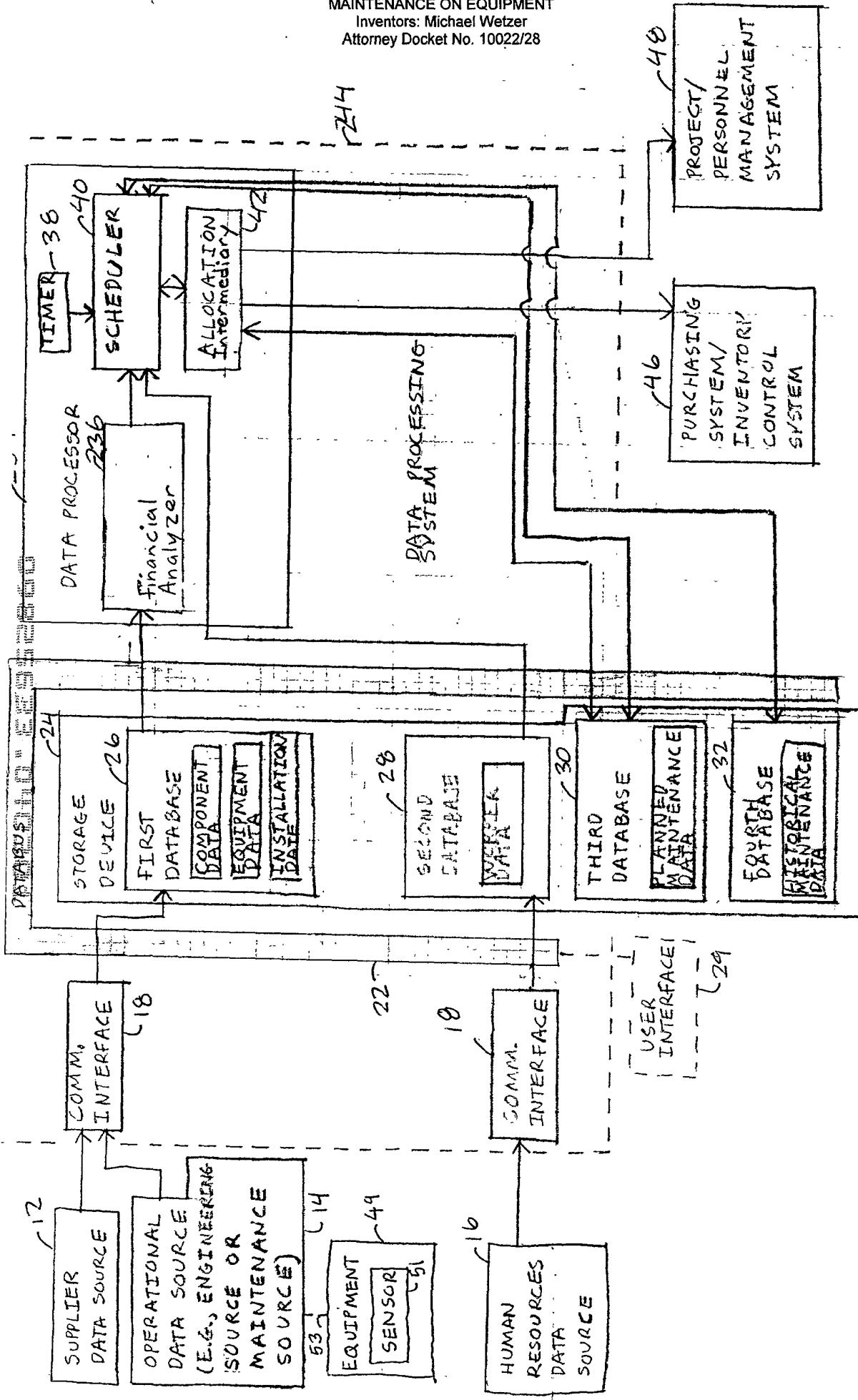


FIG. 11

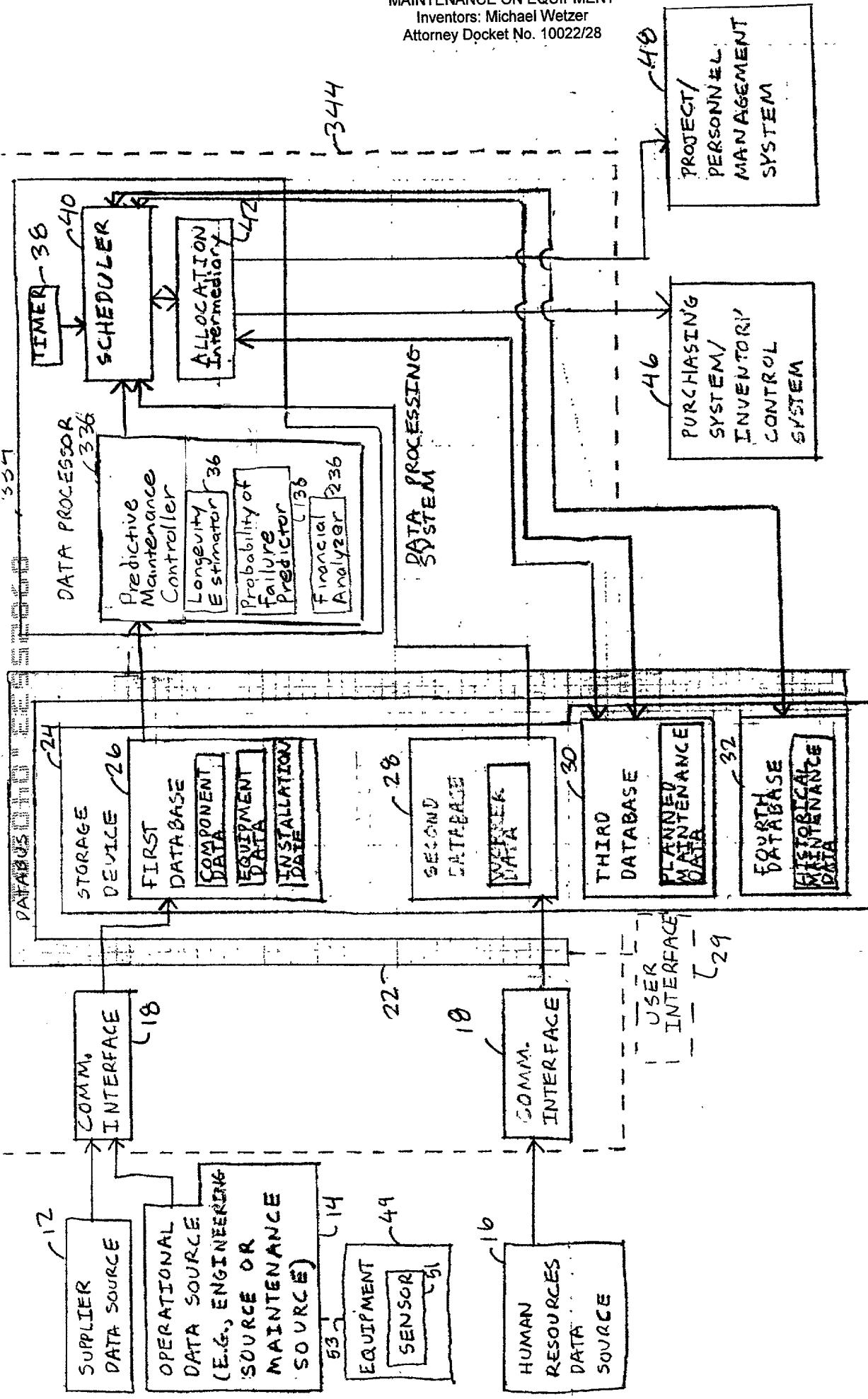


FIG. 12

FIG. 13

ORGANIZE A FIRST DATABASE OF COMPONENT DATA ON COMPONENTS OF AN EQUIPMENT.

ORGANIZE A SECOND DATABASE OF MAINTENANCE PERSONNEL ASSOCIATED WITH CORRESPONDING QUALIFICATIONS.

ASSOCIATE AT LEAST ONE PREDICTIVE MAINTENANCE FACTOR WITH THE CORRESPONDING COMPONENT DATA.

SCHEDULE MAINTENANCE FOR A MAINTENANCE TIME PERIOD FOR AT LEAST ONE OF THE COMPONENTS BASED ON THE FIRST DATABASE, THE SECOND DATABASE, THE ASSOCIATED PREDICTIVE MAINTENANCE FACTOR, AND AN ELAPSED TIME WITH RESPECT TO AN INSTALLATION DATE OF THE AT LEAST ONE COMPONENT.

ALLOCATE THE MAINTENANCE PERSONNEL TO PERFORM THE SCHEDULED MAINTENANCE DURING THE MAINTENANCE TIME PERIOD CONSISTENT WITH THE FIRST DATABASE AND THE SECOND DATABASE.

PROCURE THE AT LEAST ONE COMPONENT CONSISTENT WITH THE FIRST DATABASE, THE SCHEDULED MAINTENANCE TIME PERIOD, AND THE ALLOCATION OF THE MAINTENANCE PERSONNEL.

0 9 8 2 5 6 3 2 1 9 4 7 3 0 4